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Amendments to the Specification:

Please amend the paragraphs on page 6, line 17 to page 7, line 9 as follows:

FIG. 4(a-c) explains variations of detection values detected by wheel speed sensors;

FIG. 5 is a flow chart showing the manner of operation of the hydroplaning detection apparatus;

FIG. 6(a-c) schematically explains the manner of measuring a first vehicle speed, wherein (a) illustrates an instance where the vehicle runs on a road including points a and b toward the point b, (b) illustrates in time sequence a changes in detection values of the respective front and rear wheel speeds in the instance of (a), and (c) illustrates in time sequence changes in the detection values after being processed by digital filters;

FIG. 7 is a flow chart showing operations for measuring the first vehicle speed;

FIG. 8(a-b) schematically shows array variables, wherein (a) shows array variables $V_f(n)$ to which a normalization process has been applied, and (b) shows array variables $V_f(m)$ to which the normalization process has been applied;

FIG. 9(a-b) illustrates an example of prior art; and

FIG. 10(a-d) illustrates an example of prior art.